Fig. 1

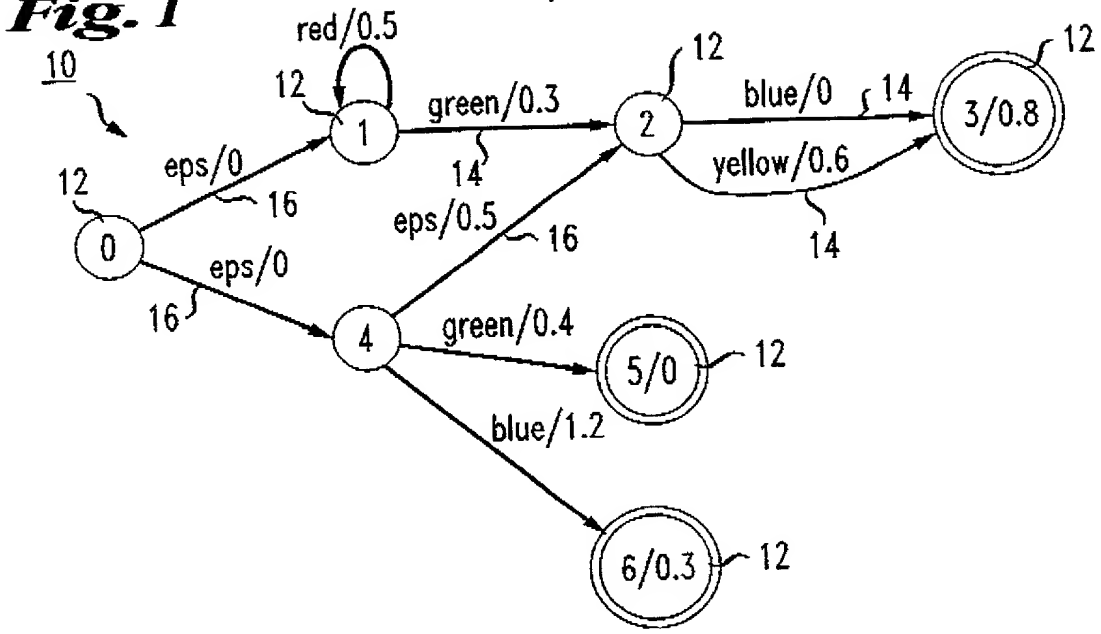

Fig. 2A

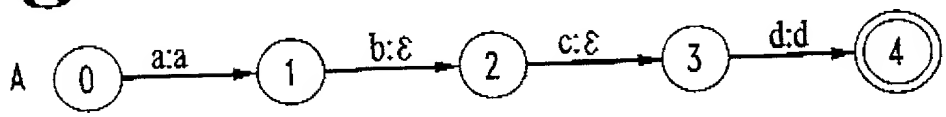

Fig. 2B

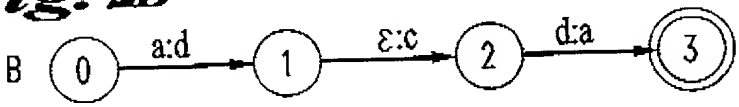

Fig. 2C

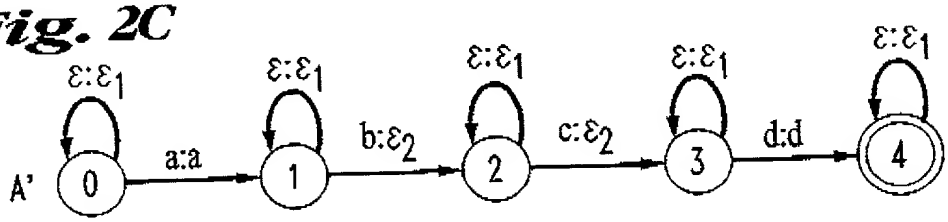

Fig. 2D

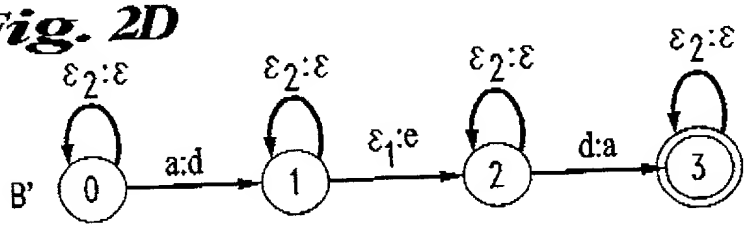

Fig. 3

PRIOR ART

```
1  M_ε ← M_i|{ε}
2  M_0 ← M_i|Σ*−{ε}
3  G_ε ← CLOSURE(M_ε)
4  for p ← 1 to |V|
5     do  for each e ∈ Trans G_ε[p]
6           do  for each t ∈ Trans_{M_i} [Next(e)] ∧ i(t) ≠ ε
7                 do  t' ← FINDTRANS (i(t), Next(t), Trans_{M_0} [p])
8                     w(t') ← w(t') ⊕ w(t) ⊗ w(e)
```

Fig. 4

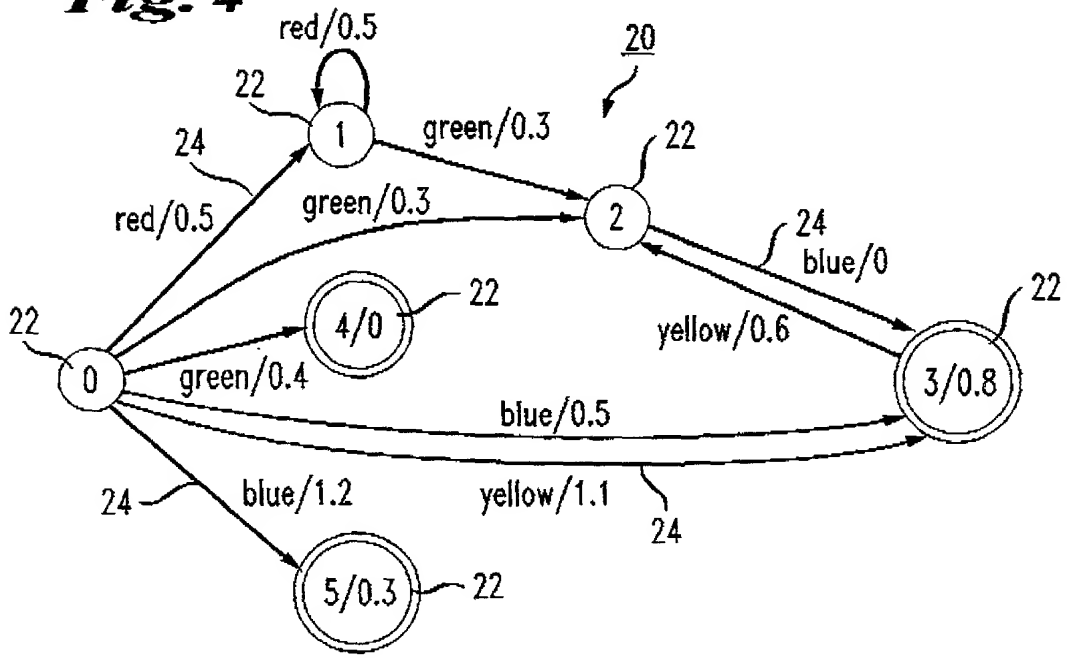

Fig. 5(a)

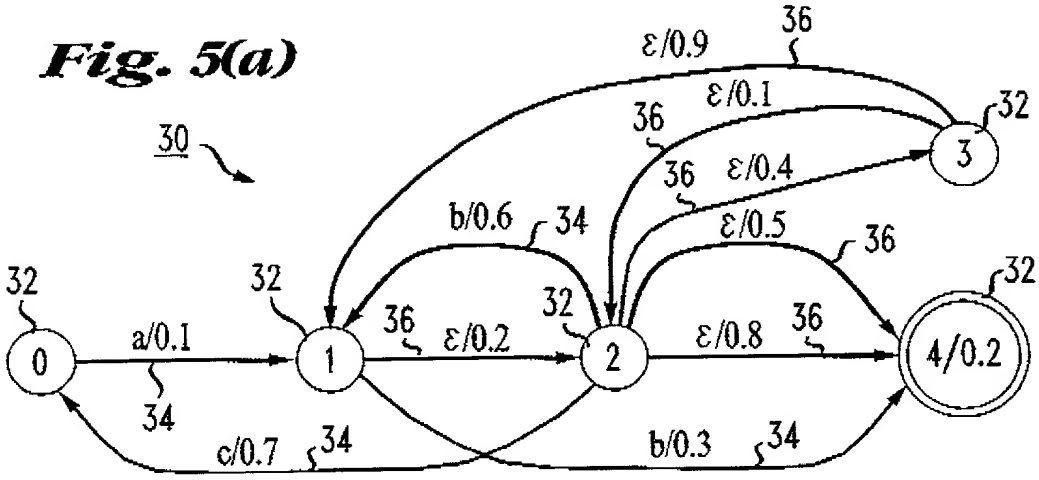

Fig. 5(b)

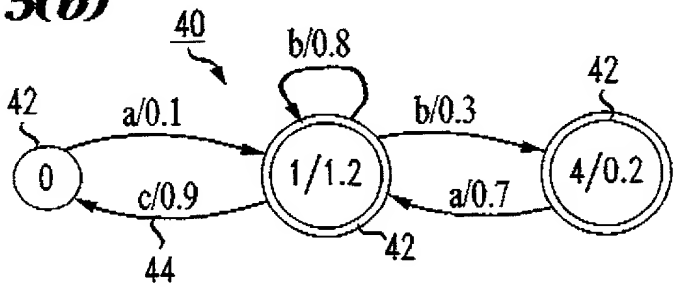

Fig. 5(c)

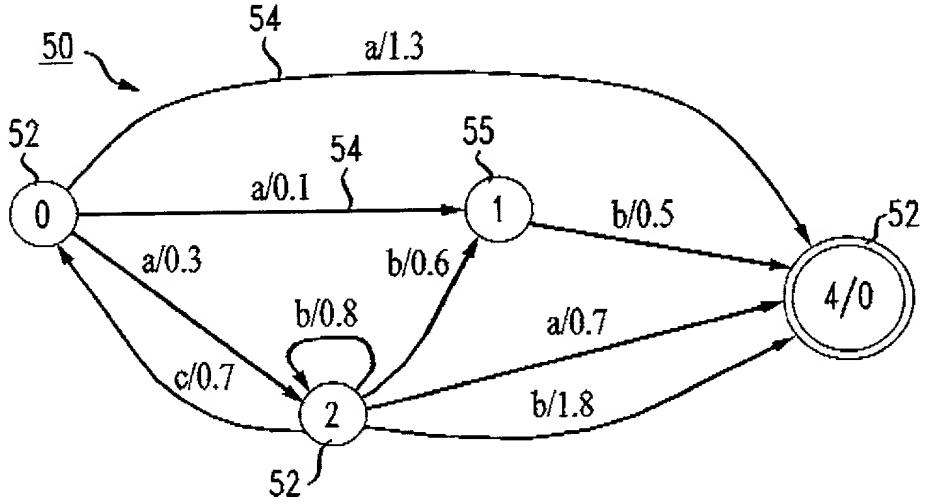

Fig. 6(a)

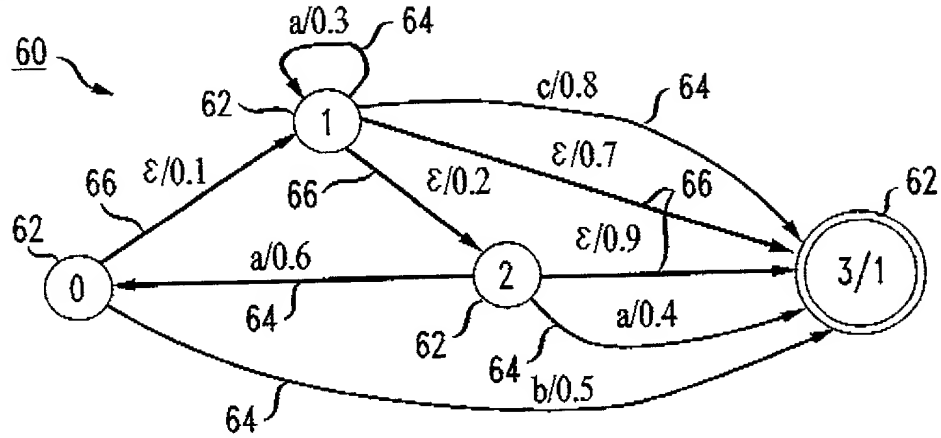

Fig. 6(b)

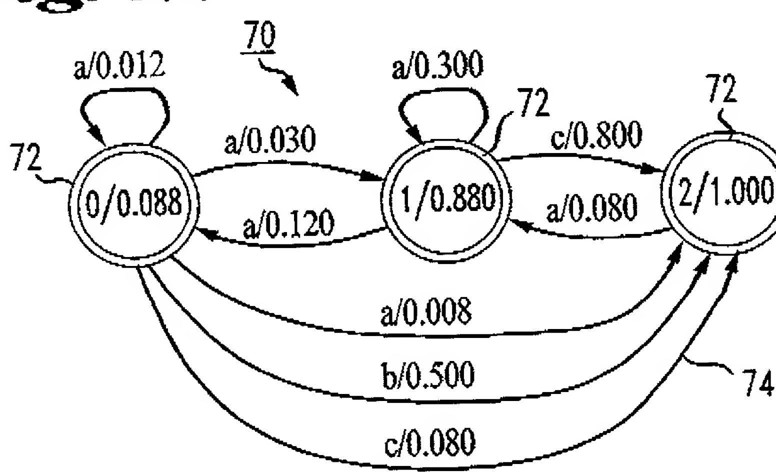

Fig. 7

```
GENERIC-SINGLE-SOURCE-SHORTEST-DISTANCE (B,s)

1  for each  p ∈ Q
2     do  d[p] ← r[p] ← 0̄
3  d[s] ← r[s] ← Ī
4  S ← {s}
5  while  S ≠ 0
6        do  q ← head(S)
7            DEQUEUE(S)
8            r ← r(q)
9            r(q) ← 0̄
10           for each  e ∈ E[q]
11               do if  d[n[e]] ≠ d[n[e]] ⊕ (r ⊗ w[e])
12                     then  d[n[e]] ← d[n[e]] ⊕ (r ⊗ w[e])
13                           r[n[e]] ← r[n[e]] ⊕ (r ⊗ w[e])
14                           if  n[e] ∉ S
15                           then  ENQUEUE(S,n[e])
16 d[s] ← Ī
```

Fig. 8(a)

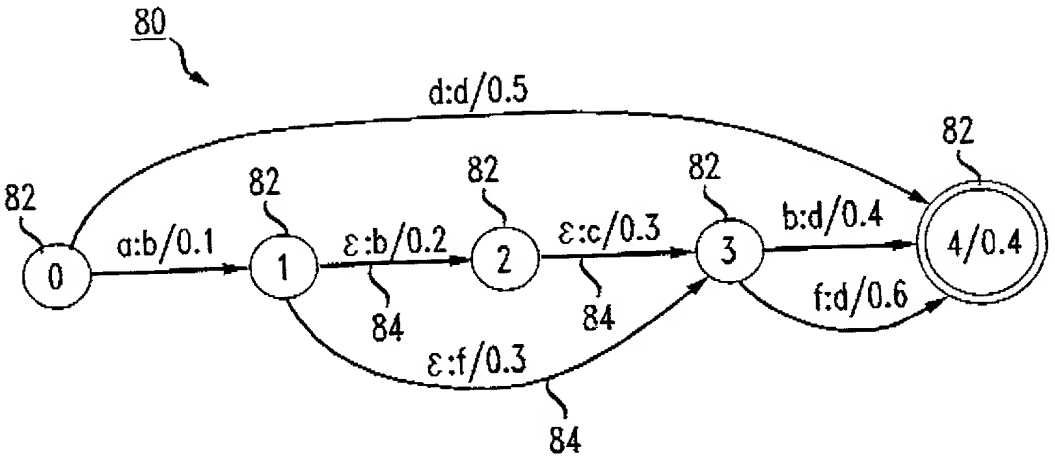
80
d:d/0.5
82
82
82
82
82
a:b/0.1
ε:b/0.2
ε:c/0.3
b:d/0.4
4/0.4
0
1
2
3
84
84
f:d/0.6
ε:f/0.3
84

Fig. 8(b)

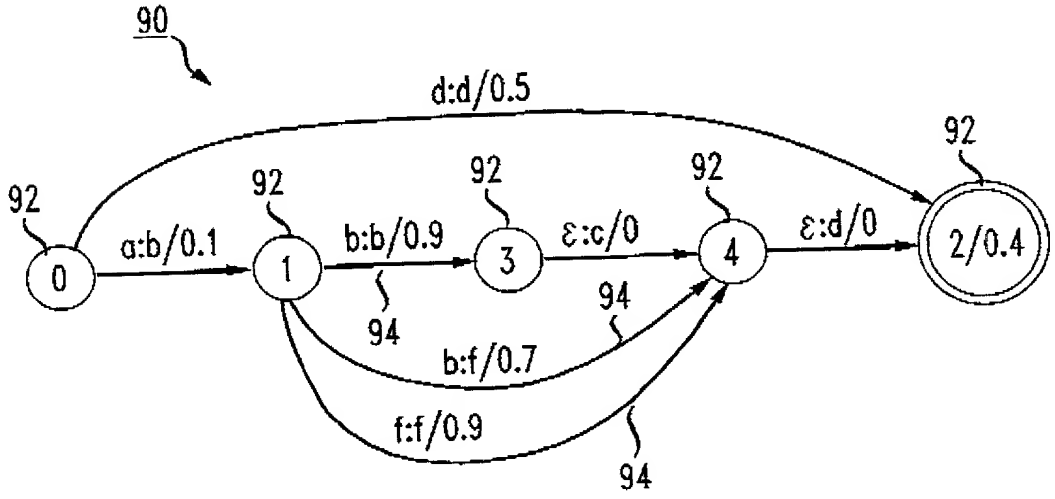
90
d:d/0.5
92
92
92
92
92
a:b/0.1
b:b/0.9
ε:c/0
ε:d/0
2/0.4
0
1
3
4
94
94
b:f/0.7
f:f/0.9
94

Fig. 9(a)

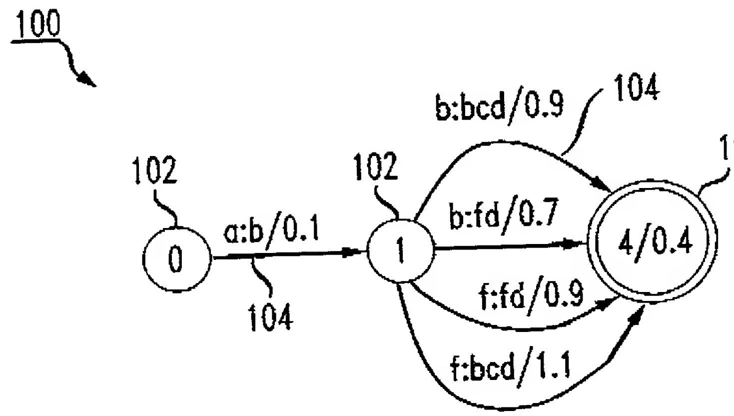

Fig. 9(b)